

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 August 2003 (28.08.2003)

PCT

(10) International Publication Number
WO 03/071321 A1

(51) International Patent Classification⁷: G02B 6/00, 6/42

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(21) International Application Number: PCT/IB03/00582

(22) International Filing Date: 14 February 2003 (14.02.2003)

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(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02075717.5 22 February 2002 (22.02.2002) EP

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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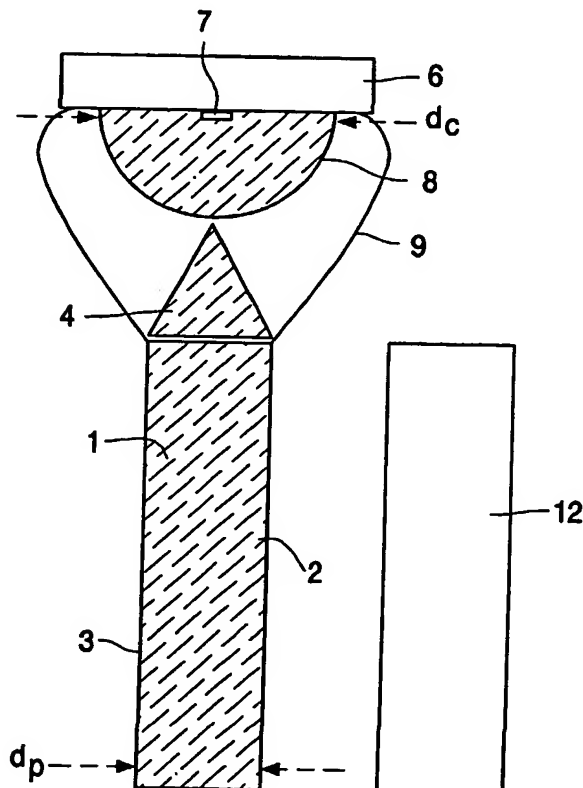
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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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[Continued on next page]

(54) Title: COMPACT LIGHTING SYSTEM AND DISPLAY DEVICE



(57) **Abstract:** A compact backlight system for illuminating a display device (12) has a front wall (2) and a rear wall (3) situated opposite thereto. At least one light source (6) comprising a light-emitting diode (7) is provided with a translucent lens-shaped cover (8). The system has at least one light input structure (4) for coupling light from the light source (6) into the light-emitting panel (1). During operation, light originating from the light source (6) is incident on the light input structure (4) and distributes itself in the light-emitting panel (1). According to the invention the light input structure (4) is conically or frustoconically shaped towards the light source (6). The thickness d_p of the light-emitting panel (1) is smaller than the diameter d_c of the translucent lens-shaped cover (8) of the light source (6). Preferably, the light input structure (4) is of prismatic or pyramidal shape.

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